Abstract:

A web browser application implemented in an Internet appliance for accessing information on the Internet. The Internet appliance has a display device and using a reduced- keyset user interface device having only direction keys, numeric keys, and a number of function keys for user input. The browser displays a user interface screen divided into a primary screen area for displaying information and one or more control areas containing mode icons and command icons. In a navigate mode, the browser displays a plurality of interface elements in the primary screen area, each interface element representing a web page. The user accesses one of the web pages through the use of the keys. In a browse mode, the browser displays page contents of a web page in the primary screen area, the web page including one or more interface elements. The user browses through the web pages through the use of the reduced-keyset user interface device. To provide easy navigation and browsing, the browser dynamically associates mode/command icons and/or interface elements such as links with individual keys of the reduced-keyset user interface device and displays the association on the screen, so that the user may invoke an icon or a link by pressing a single key.

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